CLAIMS

What is Claimed Is:

1. A system for monitoring a transaction executing on a network computer, comprising:

a read unit accessing a web page from a web server, wherein the web page includes at least one block of processing code for executing a transaction;

an update unit updating the web page by inserting instructions in the web page, wherein said instructions comprise a function for monitoring the transaction; and

a storage unit storing the updated web page on the web server.

2. The system according to claim 1, wherein the inserted instructions comprise a call instruction linking the at least one block of code to one or more files comprising monitoring instructions.

3. The system according to claim 1, wherein the inserted instructions comprise a call instruction providing a data communication link both within the web page and to a computer remote from the web server.

4. The system according to claim 3, further comprising:

a second storage unit storing the monitoring instructions file on the web server; and

a second update unit modifying a web server page tag of the transaction to be monitored to reference the monitoring instructions file.

5. A system for monitoring a transaction executing on a network computer, comprising:

a first transmission unit sending a web page from a web server to a client browser within a network;

a processor executing an applet within the web page on the client browser, wherein the applet includes at least one link to a monitoring code file;

a monitoring unit invoking the monitoring code file to monitor a transaction within the applet on the client browser; and

a second transmission unit sending data generated from monitoring the transaction to a measurement computer, wherein the measurement computer is a computer other than the web server.

6. The system according to claim 5, wherein the web page can contain one or more applets and each applet can contain one or more transactions to be monitored.

7. The system according to claim 5, wherein the monitoring unit further captures data associated with the execution of the transaction on the client browser.

8. The system according to claim 5, wherein the monitored transaction data includes one or more data items selected from a list consisting of transaction start and stop time, the time zone in which the transaction is executed, and the operating system of the client browser.

9. The system according to claim 5, wherein the monitored transaction data is stored and evaluated on the measurement computer independently from the processing of the web page on the client browser.

10. A system for monitoring a transaction executing on a network computer, comprising:

an association unit linking an applet within a web page on a web server to at least one monitoring code file;

a first transmission unit sending the web page from the web server to a client browser within a network;

a processor executing the linked applet within the web page on the client browser;

a monitoring unit invoking the monitoring code file to monitor a transaction within the linked applet on the client browser; and

a second transmission unit sending data from monitoring the transaction to a measurement computer, wherein the measurement computer is a computer other than the web server.

11. A system for monitoring a transaction executing on a network computer, comprising:

a first transmission unit downloading transaction code from a first computer to be processed on a second computer;

a processor executing the downloaded transaction code on the second computer;

a monitor unit capturing transaction execution data associated with the executing transaction; and

a second transmission unit sending the transaction execution data from the second computer to a third computer, wherein the first, second, and third computers are remote from each other.

12. A method for monitoring a transaction executing on a network computer, comprising the steps of:

accessing a web page from a web server, wherein the web page includes at least one block of processing code for executing a transaction;

updating the web page by inserting instructions in the web page, wherein said instructions comprise a function for monitoring the transaction; and

storing the updated web page on the web server.

13. The method according to claim 12, wherein the inserted instructions comprise a call instruction linking the at least one block of code to a file comprising monitoring instructions.

14. The method according to claim 12, wherein the inserted instructions comprise a call instruction providing a data communication link both within the web page and to a computer remote from the web server.

15. The method according to claim 14, further comprising the steps of:

storing the monitoring instructions file on the web server; and

modifying a web server page tag of the transaction to be monitored to reference the monitoring instructions file.

16. A method for monitoring a transaction executing on a network computer, comprising the steps of:

sending a web page from a web server to a client browser within a network;

executing an applet within the web page on the client browser, wherein the applet includes at least one link to a monitoring code file;

invoking the linked monitoring code file to monitor a transaction within the linked applet on the client browser; and

sending data generated from monitoring the transaction to a measurement computer, wherein the measurement computer is a computer other than the web server.

17. The method according to claim 16, wherein the web page can contain one or more applets and each applet can contain one or more transactions to be monitored.

18. The method according to claim 16, wherein the step of invoking the monitoring code file includes capturing data associated with the execution of the transaction on the client browser.

19. The method according to claim 16, wherein the monitored transaction data includes one or more data items selected from a list consisting of transaction start and stop time, the time zone in which the transaction is executed, and the operating system of the client browser.

20. The method according to claim 16, wherein the monitored transaction data is stored and evaluated on the measurement computer independently from the processing of the web page on the client browser.

21. A method for monitoring a transaction executing on a network computer, comprising the steps of:

linking an applet within a web page on a web server to at least one monitoring code file;

sending the web page from the web server to a client browser within a network;

executing the linked applet within the web page on the client browser;

invoking the linked monitoring code file to monitor a transaction within the linked applet on the client browser; and

sending data generated from monitoring the transaction to a measurement computer, wherein the measurement computer is a computer other than the web server.

22. A method for monitoring a transaction executing on a network computer, comprising the steps of:

downloading from a first computer transaction code to be processed on a second computer;

executing the downloaded transaction code on the second computer;

invoking a monitoring function, wherein transaction execution data associated with the executing transaction is captured by the monitoring function; and

sending the transaction execution data from the second computer to a third computer, wherein the first, second, and third computers are remote from each other.